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Errata

Volume **40**, Number 1, in the article, "Integral Extensions of Rings Satisfying a Polynomial Identity," by William Schelter, pp. 245–257:

We wish to correct and clarify the definition of integral given in our article and to point out the changes required. If S and R are rings, $S \supseteq R$, we say S is integral over R if for each $s \in S$, s satisfies a monic polynomial in $R \underset{C}{*} C[x]$, the free product of R and $C[x]$, where C is the center of R. For example, we might have $s^3 + r_1 s r_2 s r_3 + r_4 s^2 r_5 + \cdots + r_0 = 0$, where the $r_i \in R$.

All the results are still correct, with the minor modifications to proofs as noted below, with the exception of Proposition 1 which we amend to read:

If T is an overring of R contained in an integral extension of R satisfying a P.I., *then* Jac $T \cap R \subset$ Jac R.

The proof now follows virtually immediately from Theorem 1, since maximal ideals of R lift to proper ideals of the integral extension.

Other modifications required:

Page 246, line 20: $\ldots h_{ij}(t)\, m_j) - (\sum \ldots .$

Page 247, line 15: $t^n + r_1 t r_2 + \cdots + r_0$, ... so $(\overline{zt})^n + \overline{z r_1 z t r_2} + \cdots$.

Page 247, line 22: "regular" should read "central."

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